Department of Genetics University of Wisconsin Madison 6, Wis.

March 21, 1952

Dear Dr, Wahl:

I have been reading your recent series of papers in the Ann. Inst. Pasteur, on "Les bacteries semi-resistantes au bacteriophage" with considerable interest. I should be obliged if you would remember to send me reprints of the series when it is convenient. (I am grateful to you for past publications, and will reciprocate in the near future).

I am writing to you and Dr. Blum-Emeraque to mention a semiresistant mutant of K-12 E. coli that appears to resemble your situation. We have called this mutant V_1^p , as it seems to be genetically allelic to the mure frequent, completely resistant mutant V_1^r (resistant to phages Tl, Tlh, and T5). V_1^p mammax seems to be semiresistant to these three phages, but we have been more interested in its genetics than in its physiology, and have not analysed it from a quantitative point of view. It may be especially interesting that it shows a graded response to these three phages. It is most susceptible to T5, less to to Tlh, and most resistant to Tl.

Would you be interested to examine this V_1^p mutant? If so, I should be quite pleased to send it to you.

Yours sincerely,

Joshua Lederberg
Associate Professor of Genetics